

8036-30

Log Washer



Main Tank

- 1/4" welded plate steel construction with angle and channel iron reinforcement
- 4" rising current inlet
- Large (nominal 11" square) tank drain/clean-out ports
- Overflow discharge ports with adjustable level weir boards on each side of the unit

Spiral Assembly

- Spiral pipe - heavy wall 14" dia.
- Cast steel paddle brackets
- 12-3/16" L x 10-1/2" W x 1-3/4" T cast two piece Ni-Hard paddle tips with corrugated face
- Reverse involution paddle configuration (see reverse side for additional information)
- Greaseable, externally mounted Dodge Imperial E tail end flange bearing
- Head end support via the gear box
- Lower end seal - chrome plated stainless steel wear sleeve, water tight bellows type rubber seal and secondary grease seal

Drive Assembly

- High efficiency v-belt drive assembly
- Two (2) 50HP TEFC motors
- Two (2) Dodge TA 8407 reducers
- Custom engineered timing box

Bottom Clean-out Ports (optional)

- 24" x 24" clean-out ports located along the bottom of the tub

Support Assembly (optional)

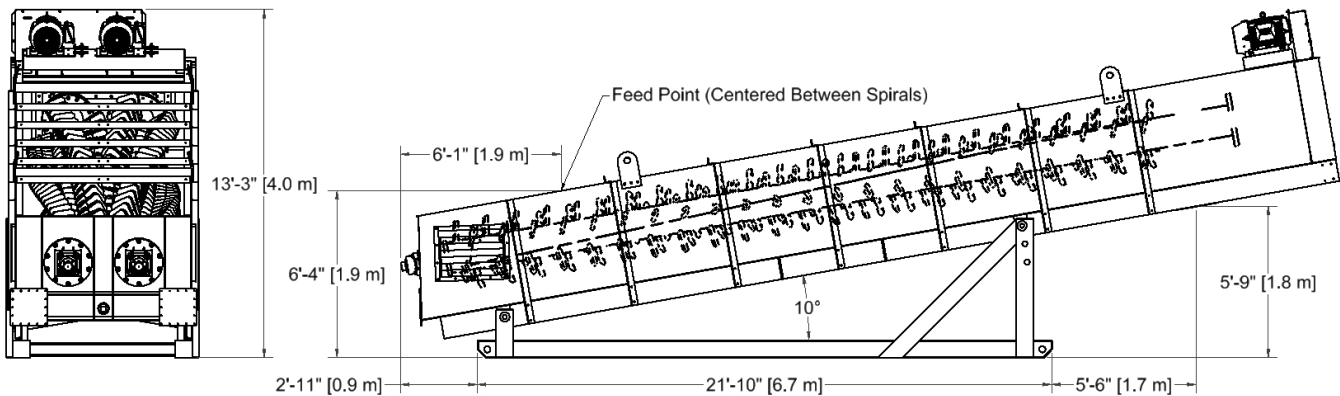
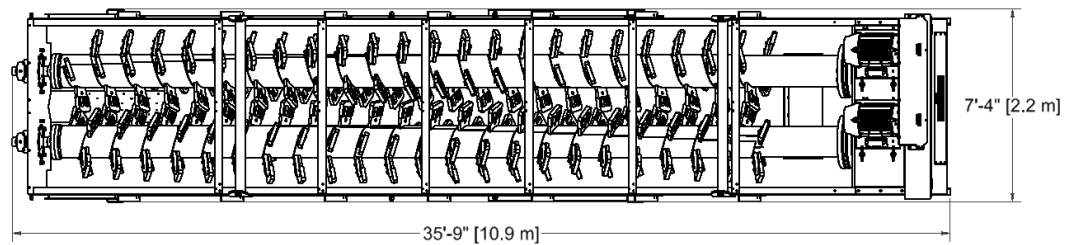
- Skid assembly with support locations for operation at 6°, 8°, or 10°

Model	Capacity (TPH)	Spiral Speed	Motor HP	Max. Feed Size	Water Req'd (GPM)
8024-18	25-80	45	40	3"	25-250
8036-30	85-200	33	100	4"	50-500
8048-30	125-300	26	150	5"	100-800
8048-35	125-400	26	200	5"	100-800

Physical and Operating Characteristics

Dimension	Standard	Metric
Feed Material Size	#4 mesh - 4" x 3/8"	5 - 100mm
Angle of Operation	6°, 8°, or 10°	6°, 8°, or 10°
Capacity	85 - 200 TPH	75 - 180 MTPH
Shaft Speed	33 RPM	33 RPM
Water Requirements	50 - 500 GPM	10 - 115 m ³ /hour
Operational Length (8°)	35' 2"	10,719mm
Operational Width (8°)	7' 4"	2,234mm
Operational Height (8° with optional support assembly)	12' 3"	3,734mm
Dead Load*	34,000lb	15,422kg
Live Load*	45,000lb	20,412kg
Total Load*	79,000lb	35,834kg

*Approximate with support not included



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NOTE: CONSULT FACTORY FOR EXACT DIMENSIONS, specifications are subject to change without notice.

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